

# **Fault-Zone Trapped Wave Experiment at the SAF, Parkfield** **Locations of 44 Stations In Seismic Arrays Near SAFOD Drilling Site** **October 18 – November 29, 2003**

## **Cross-Fault Array near SAFOD Drilling Site:**

Station	DAS	Spacing	Distance		Latitude		Longitude		Elevation
			(from ST00, SAFOD)		GPS reading	mean	GPS reading	mean	
NE16	92D8	100m	~1400m	~3175m	<u>N35:59.6838</u>	<N35.995>	<u>W120:31.6041</u>	<W120.526>	773.00m
NE15	9140	100	~1300	~3075	<u>N35:59.6499</u>	<N35.994>	<u>W120:31.6527</u>	<W120.527>	788.07
NE14	92DD	100	~1200	~2975	<u>N35:59.6206</u>	<N35.993>	<u>W120:31.6935</u>	<W120.528>	779.39
NE13	9241	100	~1100	~2875	<u>N35:59.5762</u>	<N35.993>	<u>W120:31.7434</u>	<W120.529>	765.79
NE12	92E5	100	~1000	~2775	<u>N35:59.5454</u>	<N35.992>	<u>W120:31.7919</u>	<W120.530>	763.39
NE11	92E9	100m	~900m	~2675m	<u>N35:59.5054</u>	<N35.992>	<u>W120:31.8313</u>	<W120.531>	758.67m

\*\*\*\*\* ~600 M GAP \*\*\*\*\*

NE10	913D	50m	300m	2075m	<u>N35:59.2257</u>	<N35.987>	<u>W120:32.0805</u>	<W120.535>	664.41m
NE09	924A	50	250	2025	<u>N35:59.2056</u>	<N35.987>	<u>W120:32.1043</u>	<W120.535>	677.44
NE08	9099	25	200	1975	<u>N35:59.1887</u>	<N35.986>	<u>W120:32.1124</u>	<W120.536>	666.21
NE07	9096	25	175	1950	<u>N35:59.1766</u>	<N35.986>	<u>W120:32.1389</u>	<W120.536>	689.33
NE06	9142	25	150	1925	<u>N35:59.1757</u>	<N35.986>	<u>W120:32.1580</u>	<W120.536>	690.03
NE05	92BD	25	125	1900	<u>N35:59.1691</u>	<N35.986>	<u>W120:32.1648</u>	<W120.536>	690.19
NE04	9242	25	100	1875	<u>N35:59.1605</u>	<N35.986>	<u>W120:32.1827</u>	<W120.536>	672.00
NE03	9146	25	75	1850	<u>N35:59.1520</u>	<N35.986>	<u>W120:32.1991</u>	<W120.537>	696.98
NE02	9240	25	50	1825	<u>N35:59.1420</u>	<N35.985>	<u>W120:32.2101</u>	<W120.537>	642.47
NE01	92DC	25	25	1800	<u>N35:59.1299</u>	<N35.985>	<u>W120:32.2233</u>	<W120.537>	708.00
<b>ST00</b>	92B3	25	<b>0</b>	<b>1775m</b>	<u>N35:59.1231</u>	<N35.985>	<u>W120:32.2453</u>	<W120.537>	707.54
SW01	92DB	25	25	1750	<u>N35:59.1091</u>	<N35.985>	<u>W120:32.2549</u>	<W120.537>	707.20
SW02	9098	25	50	1725	<u>N35:58.0961</u>	<N35.985>	<u>W120:32.2699</u>	<W120.539>	700.50
SW03	924B	25	75	1700	<u>N35:59.0751</u>	<N35.985>	<u>W120:32.2737</u>	<W120.538>	719.84
SW04	92EB	25	100	1675	<u>N35:59.0803</u>	<N35.985>	<u>W120:32.2884</u>	<W120.538>	724.77
SW05	92C4	25	125	1650	<u>N35:59.0620</u>	<N35.984>	<u>W120:32.2964</u>	<W120.538>	727.90
SW06	92D7	25	150	1625	<u>N35:59.0550</u>	<N35.984>	<u>W120:32.3113</u>	<W120.538>	734.78
SW07	9139	25	175	1600	<u>N35:59.0483</u>	<N35.984>	<u>W120:32.3245</u>	<W120.539>	744.75
SW08	92E6	25	200	1575	<u>N35:59.0369</u>	<N35.984>	<u>W120:32.3350</u>	<W120.539>	746.14
SW09	9095	50	250	1525	<u>N35:59.0233</u>	<N35.984>	<u>W120:32.3585</u>	<W120.539>	745.32
SW10	9246	50m	300m	1475m	<u>N35:59.0012</u>	<N35.983>	<u>W120:32.3823</u>	<W120.540>	724.29m

\*\*\*\*\* 475 m Gap \*\*\*\*\*

SW11	9247	100m	775m	1000m	<u>N35:58.8055</u>	<N35.980>	<u>W120:32.6393</u>	<W120.544>	613.28m
SW12	92D5	100	875	900	<u>N35:58.7842</u>	<N35.980>	<u>W120:32.6891</u>	<W120.545>	658.70
SW13	9248	100	975	800	<u>N35:58.7666</u>	<N35.979>	<u>W120:32.7107</u>	<W120.546>	647.11
SW14	92E8	100m	1075m	700m	<u>N35:58.7345</u>	<N35.978>	<u>W120:32.7682</u>	<W120.546>	669.41m

### Along-Fault Array near SAFOD Drilling Site:

Station	DAS	Spacing	Distance	GPS Latitude	Longitude	Elevation		
			(from ST00, SAFOD)	GPS reading	mean	GPS reading	mean	mean
NW08	92D0	50 m	850 m	<u>N35:59.3584</u>	<N35.990>	<u>W120:32.5540</u>	<W120.543>	634.60 m
NW07	92C0	50	800	<u>N35:59.3379</u>	<N35.989>	<u>W120:32.5321</u>	<W120.542>	651.68
NW06	913C	50	750	<u>N35:59.3181</u>	<N35.988>	<u>W120:32.5099</u>	<W120.542>	637.72
NW05	9147	50	700	<u>N35:59.2981</u>	<N35.988>	<u>W120:32.4838</u>	<W120.541>	661.29
NW04	92E2	50 m	650 m	<u>N35:59.2781</u>	<N35.987>	<u>W120:32.4605</u>	<W120.241>	651.71 m
***** 500 m Gap *****								
NW03	92BA	50 m	150 m	<u>N35:59.1894</u>	<N35.986>	<u>W120:32.2897</u>	<W120.538>	727.48 m
NW02	92C1	50	100	<u>N35:59.1650</u>	<N35.986>	<u>W120:32.2733</u>	<W120.538>	690.31
NW01	92ED	50	50	<u>N35:59.1483</u>	<N35.986>	<u>W120:32.2585</u>	<W120.538>	720.00
ST00	92B3	50	0	<u>N35:59.1231</u>	<N35.985>	<u>W120:32.2453</u>	<W120.537>	707.20
SE01	9244	50	50	<u>N35:59.0908</u>	<N35.985>	<u>W120:32.2291</u>	<W120.537>	710.61
SE02	9097	50	100	<u>N35:59.0667</u>	<N35.984>	<u>W120:32.2209</u>	<W120.537>	720.04
SE03	9234	50	150	<u>N35:59.0509</u>	<N35.984>	<u>W120:32.1965</u>	<W120.537>	718.05
SE04	92EA	50	200	<u>N35:59.0218</u>	<N35.984>	<u>W120:32.1890</u>	<W120.536>	721.15
SE05	909B	50 m	250 m	<u>N35:59.0043</u>	<N35.983>	<u>W120:32.1703</u>	<W120.536>	715.93 m